

# Item 8

## Program Management Project Budget and Schedule Status

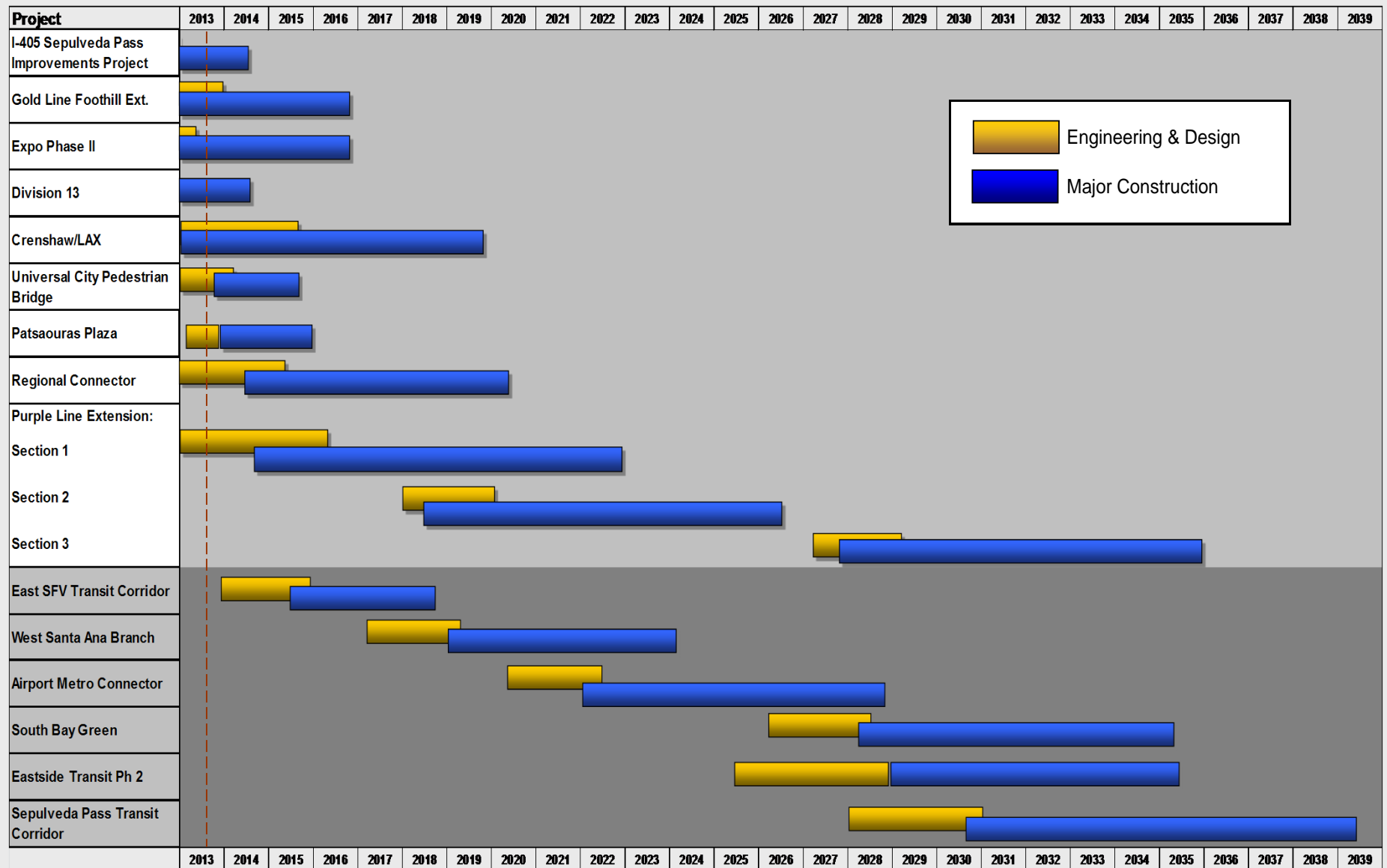
### Transit Project Delivery

Construction Committee  
July 18, 2013



**Metro**

# Project Schedules\*



\*Project schedules are not accelerated. Projects in the shaded area are in the Planning phases.

# Crenshaw/LAX Transit Corridor



## BUDGET

	Original	Current	Forecast
Total Cost (\$ mil.)	1,749	2,058	2,058

- Life-of-project increase approved in June 2013.
- Working to receive necessary grant agreements and loan amendments.
- Approved contract requires \$55 million in funding from the City of Los Angeles for Leimert Park and Hindry Stations.

## SCHEDULE

	Original	Current	Forecast
Rev. Operation	Dec 2018	Oct 2019	Oct 2019

- Approved design-build contract with Walsh/Shea Corridor Constructors.
- Next step is to execute contract in July and issue notice-to-proceed in August.
- With Leimert Park and Hindry Stations added, project duration increased to October 2019.

## POTENTIAL RISKS

- CPUC suspension of 164-D process may delay approval of crossing applications.
- Buy America compliant material issues for Edison and Southern California Gas.

# Purple Line Extension – Section 1

(La Cienega)



 <b>BUDGET</b>	*Original	Current	Forecast
Total Cost (\$ mil.)	TBD	2,471	2,471

- Based on the March 2013 Financial Plan update. Does not include Planning or Finance costs.

\*Original budget to be adopted upon receipt of the FFGA

 <b>SCHEDULE</b>	*Original	Current	Forecast
Rev. Operation	TBD	Mar 2023	Mar 2023

- RFP for Design-Build contract was issued on June 10, 2013
- IFB for the Advanced Utility Relocations contract for Wilshire/Fairfax was issued on June 14, 2013.
- Contract award for Construction Management Support Services is scheduled for July 2013.

\*Original schedule to be adopted upon receipt of the FFGA

## POTENTIAL RISKS

- CEQA and NEPA lawsuits filed by Beverly Hills Unified School District and the City of Beverly Hills.
- Buy America provisions as mandated by FTA . Potential cost and schedule impacts are still being assessed.
- Market conditions may lead to higher construction costs.

# Regional Connector



## BUDGET

	*Original	Current	Forecast
Total Cost (\$ mil.)	TBD	1,375	1,375

- Based on the March 2013 Financial Plan update. Does not include Planning or Finance costs.

\*Original budget to be adopted upon receipt of the FFGA



## SCHEDULE

	*Original	Current	Forecast
Rev. Operation	TBD	June 2020	June 2020

- IFB for re-bid of the Advanced Utility Relocations Contract occurred on June 21, 2013.
- Receipt of RFP for the Design/Build Contract is scheduled for July 29, 2013.

\*Original schedule to be adopted upon receipt of the FFGA

## POTENTIAL RISKS

- CEQA and NEPA lawsuits filed by Bonaventure Hotel, Japanese Village Plaza, and Thomas Properties Group.
- Buy America provisions as mandated by FTA. Potential cost and schedule impacts are still being assessed.
- Market conditions may lead to higher construction costs.

# I-405 Sepulveda Pass Improvement Project



## BUDGET

	Original	Current	Forecast
Total Cost (\$ mil.)	1,034	1,149.4	1,141.4

- Board approved additional \$78.7 million in June 2013
- Seeking Board approval in July 2013 to decrease the LOP by \$8 million to reflect cancellation of Betterment work by Caltrans for maintenance and repair of existing Caltrans Drainage



## SCHEDULE

	Original	Current	Forecast
Con. Complete	May 2013	June 2014	June 2014

- Project opened all of the Segment 1 General Purpose Lane
- Project granted a change order to Kiewit to extend the Substantial Completion by 149 days of excusable delays


## POTENTIAL RISKS

- Contractor performance, Area 5 Change Work, MSE Wall Failure re-work, and Area 4 (Sunset) work are the critical issues
- Utility relocations and adequacy of Provisional Sums
- Change Orders and Claims Risk
- Additional Professional Services




# Patsaouras Plaza Busway Station



 <b>BUDGET</b>	Original	Current	Forecast
Total Cost (\$ mil.)	16.8	16.8	TBD

- Budget forecast to be revised based on results of re-bid.

 <b>SCHEDULE</b>	Original	Current	Forecast
Con. Complete	June 2014	Dec 2015	Dec 2015

- IFB advertised July 5, 2013
- Bids are due Sept. 5, 2013

## POTENTIAL RISKS

- Bids came in over budget, therefore they were cancelled. VE and debriefs have been completed to reduce costs, and PE drawings and specifications were revised to reflect the cost savings. IFB was re-advertised on July 5, 2013.

# Division 13 Bus Maintenance Facility



## BUDGET

	Original	Current	Forecast
Total Cost (\$ mil.)	95	104.2	104.2

- No issues to report.

## SCHEDULE

	Original	Current	Forecast
Con. Complete	July 2014	July 2014	July 2014

- Off-site utility relocations in progress
- Demolition and removal of most Hazardous Materials completed (90%)
- Foundation construction started March 2013
- Contractor requesting additional schedule to complete project based on underground delays. Negotiations in progress.

## POTENTIAL RISKS

- Utility relocations within City ROW
- Removal of remaining Hazardous Materials
- Possible unforeseen site conditions during underground construction
- Fossilized bone find in storm drain trench



# Universal City Station Pedestrian Bridge

## BUDGET

	Original	Current	Forecast
Total Cost (\$ mil.)	19.5	19.5	22

- Forecasted increase in Construction costs due to: Elevator/Escalators, Bridge steel truss, and construction cost mark-ups

## SCHEDULE

	Original	Current	Forecast
Con. Complete	N/A	Sept 2015	Sept 2015


- Contract award is anticipated in Sept. 2013

## POTENTIAL RISKS

- Design of the bridge is impressive, open 3 dimensional truss comparatively costly.
- Value Engineering has been performed and modular system has been incorporated in the design.
- Pending the results of the bid if the lowest proposal is higher than the remaining budget, Metro will negotiate with NBC Universal to share the increase in cost.

# Gold Line Foothill Extension (Phase 2A)



 <b>BUDGET</b>	Original	Current	Forecast
Total Cost (\$ mil.)	690	741	741

- No issues to report

 <b>SCHEDULE</b>	Original	Current	Forecast
Rev. Operation	Nov 2016	Nov 2016	Nov 2016

- No issues to report

## POTENTIAL RISKS

- Scope growth/betterments
- Third party impacts
- Acquisition of property for Duarte parking facility




## RECENT ACTIVITIES/ISSUES

- Site Work
  - Grading and utility relocation throughout alignment
  - Continue freight track construction (3.5 mile shared corridor)
- At-Grade Crossings
  - 3 of 14 crossings completed
  - Continuing California and Buena Vista Avenues
- Stations
  - Continued construction Duarte, Monrovia, and Arcadia Stations
- Bridges
  - Completed 3 of 24 bridges
  - Continued construction on 13 other bridges
- Maintenance Facility
  - Installing building foundations and utilities
  - Began OCS foundations

# Exposition Phase I & Phase II



## PHASE I

 <b>BUDGET</b>	Original	Current	Forecast
Total Cost (\$ mil.)	640	932	971

- Forecast reflects revised Estimate at Completion
- Will be coming to the Board for an LOP increase

### SCHEDULE

- Revenue Operations to Culver City began June 20, 2012.

### POTENTIAL RISKS

- Change Orders/Claims
- Third party overruns
- Professional Services Costs

## PHASE II

 <b>BUDGET</b>	Original	Current	Forecast
Total Cost (\$ mil.)	1,511	1,511	1,511

- Maintenance Facility bids came in \$6M over budget for this line item. Conducting Value Engineering to reduce costs.

 <b>SCHEDULE</b>	Original	Current	Forecast
Rev. Operations	Nov 2016	Nov 2016	Nov 2016

- No issues to report.

### POTENTIAL RISKS

- Legal appeal of Certified Environmental Document
- CPUC Rehearing of Grade Crossing Approval
- Third Party Relocation Costs
- Issues with 5 minute headway requirement in Santa Monica segment

# Exposition Phase I & Phase II



## RECENT ACTIVITIES/ISSUES

### PHASE I

- Outstanding work items:
  - Replacement of Spring Frog at National Crossover
  - Final noise measurements after Spring Frog replacement
  - Completing Warranty Items
  - As-Builts need to be completed and submitted for final approval

### PHASE II

- Waiting on ruling from Administrative Law Judge on CPUC Evidentiary Hearings on the Project grade crossing approvals
- Supreme Court heard oral arguments on Environmental Document on May 8<sup>th</sup>
- Bikeway Contract
  - Contract executed design work has begun
- Continue working on cost reduction measures on maintenance facility to reduce budget shortfall.
- Exit calculations and Queuing Analysis for Fare Gates at 4<sup>th</sup> Street Station
- Design approximately 90% complete. Construction approximately 50% complete.